

Docket No. SAIC0003-C4-CON2

PATENT



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Richard L. Sutherland, et al.

Group Art Unit: 1712

Serial No.: 10/691,600

Examiner: To Be Assigned

Filed: October 24, 2003

For: SWITCHABLE VOLUME HOLOGRAM MATERIALS AND DEVICES

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 AND 1.98**

U.S. Patent and Trademark Office
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Sir:

In accordance with the requirements of 37 C.F.R. §§ 1.56, 1.97-1.98 and MPEP § 609, the references noted on the attached Form PTO-1449 are hereby brought to the attention of the Examiner.

No fees are believed to be necessary since the references cited in this statement are being submitted before the First Office Action on the merits. The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 or 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 501458.

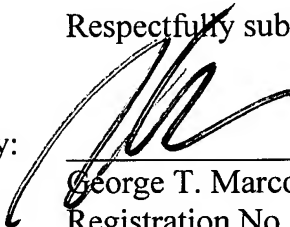
The above information is presented so that the United States Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. §§ 1.104(a) conferring the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Date: _____

6/2/04

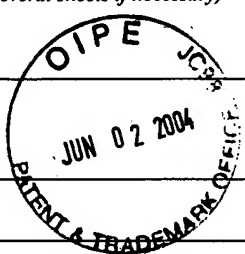
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6,073 Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. SAIC0003-C4-CON2		Serial No. 10/691,600	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Richard L. SUTHERLAND, et al.			
				Filing Date October 24, 2003		Group 1712	
				U.S. PATENT DOCUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS							
	*	WO 99/09440	2/25/99	Foster-Miller, Inc.	G02B	6/12	8/13/98
	*	JP 10319237	12/4/98	Fuji Xerox Co. Ltd.	G02B	5/32	5/22/97
	*	EP 0 867 749 A2	9/30/98	Xerox Corporation	G02F	1/1335	3/12/98
	*	EP 0 856 768 A2	8/5/98	Xerox Corporation	G02F	1/1347	1/27/98
	*	EP 0 856 766 A2	8/5/98	Xerox Corporation	G02F	1/1333	1/27/98
	*	EP 0 856 765 A1	8/5/98	Xerox Corporation	G02F	1/1333	1/23/98
		WO 98/04650	2/5/98	Science Applications International Corporation	C09K	19/00	7/11/97
	*	WO 97/27519	7/31/97	Foster-Miller, Inc.	G03H	1/04	1/29/97
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							

* References cited in parent (U.S. Serial No. 09/429,645), and not provided herewith.

FOREIGN PATENT DOCUMENTS CONT'D.							
	*	GB 2 292 745	3/6/96	Merck Patent GmbH	C09K	19/44	3/8/95
		DE 44 08 746 A1	9/21/95	Medolas Ges Fuer Medizintechni	A61B	17/36	3/15/94
	*	EP 0 672 386 A1	9/20/95	Surgical Systems & Instruments, Inc.	A61B	17/22	3/10/94
		WO 95/17127	6/29/95	Rygaard, Jorgen	A61B	17/11	4/12/94
	*	GB 2 281 566	3/8/95	Merck Patent GmbH	C09K	19/30	9/2/94
	*	JP 6-190185	4/27/94	Zanussi Elettrodomestici (IT)	D06F	39/12	
	*	WO 94/04958	3/3/94	Merck Patent GmbH	G02F	1/1333	8/12/93
	*	JP 3-188479 A	8/16/91	Fujitsu Ltd.	G03H	1/20	12/18/89
	*	EP 0 422 689 A2	4/17/91	Mountpelier Investments, S.A.	A61M	25/00	1/9/87
		SU 1635966	3/23/91	Sverdlovsk G Med. Inst.	A61B	17/00	3/17/88
	*	GB 2 222 696	3/14/90	Exitech Ltd.	G03H	1/04	7/9/88
	*	WO 89/06264	7/13/89	Hughes Aircraft Company	C09K	19/00	11/21/88
	*	JP 64-68784 A	3/14/89	Fujitsu Ltd.	G03H	1/20	9/10/87
	*	JP 60189729 A	9/27/85	Ricoh Co. Ltd.	G02F	1/133	3/9/84
	*	EP 0 087 281 A1	8/31/83	Fujitsu Ltd.	G03H	1/20	2/18/83
EXAMINER							
DATE CONSIDERED							
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							

* References cited in parent (U.S. Serial No. 09/429,645), and not provided herewith.

FOREIGN PATENT DOCUMENTS CONT'D.							
		WO 81/00668	3/19/81	Jansen, Anton	A61B	17/11	9/5/80
	*	CA 544591	8/6/57	National Research Development Corp.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	*	International Search Report for Application No. PCT/US97/12577, dated January 14, 1998 (mailing date)					
	*	Written Opinion for Application No. PCT/US97/12577, dated April 28, 1998 (mailing date)					
	*	Preliminary Examination Report for Application No. PCT/US97/12577, dated September 3, 1998 (mailing date)					
	*	European Search Report for Application No. EP 97 93 7988, dated October 13, 1999					
	*	International Search Report, dated October 13, 1999					
	*	International Search Report, dated January 3, 2001					
	*	International Search Report for Application No. PCT/US00/34661, dated July 17, 2001					
	*	International Search Report for Application No. PCT/US01/40691, dated September 5, 2001 (mailing date)					
	*	International Preliminary Examination Report for Application No. PCT/US00/34661, dated February 20, 2002					
	*	Written Opinion for Application No. PCT/US01/40691, dated May 15, 2002 (mailing date)					
	*	Preliminary Examination Report for Application No. PCT/US01/40691, dated September 10, 2002 (mailing date)					
		Sutherland, Richard L., "Polarization and Switching Properties of Holographic Polymer-Dispersed Liquid-Crystal Gratings. I. Theoretical Model," <i>J. Opt. Soc. Am. B</i> , Vol. 19, No. 12, pp. 2995-3003, December, 2002					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							

OTHER DOCUMENTS CONT'D. (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Sutherland, Richard L., et al., "Polarization and Switching Properties of Holographic Polymer-Dispersed Liquid-Crystal Gratings. II. Experimental Investigations," <i>J. Opt. Soc. Am. B</i> , Vol. 19, No. 12, pp. 3004-3012, December, 2002
	Sutherland, Richard L., et al., "Evolution of Anisotropic Reflection Gratings Formed in Holographic Polymer-Dispersed Liquid Crystals," <i>Applied Physics Letters</i> , Vol. 79, No. 10, pp. 1420-1422, September 3, 2001
	Bowley, Chris C., et al., "Variable-Wavelength Switchable Bragg Gratings Formed in Polymer-Dispersed Liquid Crystals," <i>Applied Physics Letters</i> , Vol. 79, No. 1, pp. 9-11, July 2, 2001
	"Handbook of Advanced Electronic and Photonic Materials and Devices," <i>Liquid Crystals, Display, and Laser Materials</i> , Vol. 7, Academic Press, Cover, Copyright Page, Table of Contents (xiii-xvi), pp. 67-103, Copyright 2001
	Cramer, Neil B., et al., "Kinetics of Thiol-Ene and Thiol-Acrylate Photopolymerizations with Real-Time Fourier Transform Infrared," <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> , Vol. 39, pp. 3311-3319, 2001
	Warren, Garfield T., et al., "P-81: In-Situ Spectroscopy of Holographically Formed Polymer Dispersed Liquid Crystal Materials for High Performance Reflective Display Applications," <i>SID Digest of Technical Papers</i> , San Jose, pp. 866-869, 2001
	Sutherland, Richard L., et al., "Switchable Holograms for Displays and Telecommunications," <i>Proceedings of SPIE</i> , Vol. 4463, pp. 1-10, 2001
	Bowley, C. C., et al., "Improved Reflective Displays Based on Polymer-Dispersed Liquid Crystals," <i>J. Opt. Technol.</i> , Vol. 67, No. 8, pp. 717-722, August, 2000
	Domash, L., et al., "Holographic PDLC for Photonic Applications," <i>Proceedings of SPIE</i> , Vol. 4107, pp. 46-58, 2000
	Bunning, T. J., et al., Holographic Polymer-Dispersed Liquid Crystals (H-PDLCs)," <i>Annu. Rev. Mater. Sci.</i> , Vol. 30, pp. 83-115, 2000
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.	

OTHER DOCUMENTS CONT'D. (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Cole, Michael C., et al., "Photoinitiatorless Photopolymerizations Involving Monomers That Form Charge Transfer Complexes," <i>Radtech Technical Proceedings</i> , Tokyo, Japan, pp. 211-220, December, 2000
	*	R. T. Pogue, et al., "Monomer Functionality Effects in the Anisotropic Phase Separation of Liquid Crystals," <i>Polymer</i> 41, pp. 733-741, 2000
	*	C. C. Bowley, et al., "45.3: Electro-Optic Investigations of H-PDLCs: The Effect of Monomer Functionality on Display Performance," <i>SID International Symposium, Digest of Technical Papers</i> , First Edition, pp. 958-961, May, 1999
	*	M. Escuti, et al., "5.3: A Model of the Fast-Switching Polymer-Stabilized IPS Configuration," <i>SID International Symposium, Digest of Technical Papers</i> , First Edition, pp. 32-35, May, 1999
		Natarajan, L. V., et al., "Electrically Switchable Reflection Gratings in Polymer Dispersed Liquid Crystals," <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 559, pp. 109-116, 1999
		Klosterman, A. M., et al., "Voltage Creep in Holographic PDLC Gratings," <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 559, pp. 129-134, 1999
	*	C. C. Bowley, et al., "Advances in Holographic Polymer Dispersed Liquid Crystal Technology," in <i>Liquid Crystal Materials and Devices</i> , Mat. Res. Soc. Symposium Proceedings, Vol. 559, pp. 97-107, 1999
	*	M. Date, et al., "Full-Color Reflective Display Device Using Holographically Fabricated Polymer-Dispersed Liquid Crystal (HPDLC)," <i>Journal of the Society for Information Display (SID)</i> , Vol. 7, pp. 17-22, 1999
	*	Seferis, James C., "Refractive Indices of Polymers," <i>Polymer Handbook</i> , 4 th Edition, John Wiley & Sons, Inc., pp. 571-582, Copyright 1999
	*	C. C. Bowley, et al., "Morphology of Holographically-Formed Polymer Dispersed Liquid Crystals (H-PDLC)," <i>Mol. Cryst. Liq. Cryst.</i> , Vol. 331, pp. 209-216, 1999
	*	J. A. Firehammer, et al., "Lasing Pixels: A New Application for Polymer Dispersed Liquid Crystals (PDLCs)," <i>Mol. Cryst. Liq. Cryst.</i> , Vol. 331, pp. 165-172, 1999
	*	Richard L. Sutherland, et al., "Switchable Holograms for Displays and Other Applications," <i>SPIE Proceedings</i> , Vol. 3421, pp. 8-18, June, 1998
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.		

* References cited in parent (U.S. Serial No. 09/429,645), and not provided herewith.

OTHER DOCUMENTS CONT'D. (Including Author, Title, Date, Pertinent Pages, Etc.)		
	*	L. V. Natarajan, et al., "Holographic PDLCs for Optical Beam Modulation, Deflection, and Dynamic Filter Applications," <i>SPIE Proceedings</i> , Vol. 3292, pp. 44-51, January 28-29, 1998
	*	K. Thilo Weitzel, et al., "Hologram Recording in DuPont Photopolymer Films by Use of Pulse Exposure," <i>Optics Letter</i> , Vol. 22, No. 24, December 15, 1997
	*	L. V. Natarajan, et al., "Electrically Switchable Holograms Containing Novel PDLC Structures," <i>SPIE Proceedings</i> , Vol. 3143, pp. 182-190, July 28-29, 1997
	*	N. M. Lawandy, et al., "L1.3: Lasing Pixel PDLC Light Valves for Projection Applications," <i>SID International Symposium, Digest of Technical Papers</i> , First Edition, pp. 1001-1004, May, 1997
		Montemazzani, G., et al., "Light Diffraction at Mixed Phase and Absorption Gratings in Anisotropic Media for Arbitrary Geometries," <i>Physical Review E</i> , Vol. 55, No. 1, pp. 1035-1047, January, 1997
		Tondiglia, V. P., et al., "Effects of Varying Surfactants on the Electro-Optical Switching Characteristics of Volume Holograms Recorded in PDLC's," <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 479, pp. 235-240, 1997
	*	G. P. Crawford, et al., "Reflective Color LCDs Based on H-PDLC and PSCT Technologies," <i>Journal of the Society for Information Display</i> , Vol. 5, No. 1, pp. 45-48, 1997
	*	V. N. Mikhailov, et al., "Pulse Hologram Recording in DuPont's Photopolymer Films," <i>SPIE</i> , Vol. 3011, pp. 200-202, 1997
	*	D. Schwarze-Haller and F. Noack, "Nuclear Magnetic Resonance Field-Cycling Proton Relaxation Study of Polymer Dispersed Liquid Crystals," <i>J. Chem. Phys.</i> , Vol. 105, No. 11, pp. 4823-4832, September, 1996
	*	G. P. Crawford, et al., "Reflective Color LCDs Based on H-PDLC and PSCT Technologies," <i>SID International Symposium, Digest of Applications Papers</i> , pp. 99, May 14-16, 1996
	*	Lawrence H. Domash, et al., "Switchable-Focus Lenses in Holographic Polymer Dispersed Liquid Crystal," <i>SPIE</i> , Vol. 2689, pp. 188-194, May, 1996
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.		

* References cited in parent (U.S. Serial No. 09/429,645), and not provided herewith.

OTHER DOCUMENTS CONT'D. (Including Author, Title, Date, Pertinent Pages, Etc.)		
	*	Richard L. Sutherland, et al., "The Physics of Photopolymer-Liquid Crystal Composite Holographic Gratings," <i>SPIE Proceedings</i> , Vol. 2689, pp. 158-169, May, 1996
		T. J. Bunning, et al., "Liquid Crystals for Advanced Technologies," <i>Materials Research Society</i> , pp. 331-343, April 8-11, 1996
	*	Timothy J. Bunning, et al., "The Effects of Eliminating the Chain Extender and Varying the Grating Periodicity on the Morphology of Holographically Written Bragg Gratings," <i>SPIE Proceedings</i> , Vol. 2651, pp. 44-54, January 31 – February 1, 1996
	*	T. J. Bunning, et al., "Morphology of Reflection Holograms Formed <i>in situ</i> Using Polymer-Dispersed Liquid Crystals," <i>Polymer</i> , Vol. 37, No. 14, pp. 3147-3150, 1996
	*	G. S. Iannacchione, et al., "Deuterium NMR and Morphology Study of Polymer-Dispersed Liquid-Crystal Bragg Gratings," <i>Europhysics Letters</i> , Vol. 36, No. 6, pp. 425-430, 1996
	*	L. V. Natarajan, et al., "Electro-Optical Switching Characteristics of Volume Holograms in Polymer Dispersed Liquid Crystals," <i>Journal of Nonlinear Optical Physics and Materials</i> , Vol. 5, No. 1, pp. 89-98, January, 1996
	*	R. L. Sutherland, et al., "Switchable Bragg Gratings Formed <i>in situ</i> Within a Polymer-Dispersed Liquid Crystal Composite Medium," <i>Materials Research Society Symp. Proc.</i> , Vol. 425, pp. 331-341, April 8-11, 1996
	*	Richard L. Sutherland, et al., "Analysis of Periodic Polymer-Dispersed Liquid Crystal Structures for Dynamic Hologram Applications," <i>SPIE Proceedings</i> , Vol. 2532, pp. 309-318, July 10-12, 1995
	*	V. P. Tondiglia, et al., "Volume Holographic Image Storage and Electro-Optical Readout in a Polymer-Dispersed Liquid Crystal Film," <i>Optics Letters</i> , Vol. 20, No. 11, pp. 1325-1327, June 1, 1995
	*	Richard L. Sutherland, et al., "Switchable Holograms in New Photopolymer-Liquid Crystal Composite Materials," <i>SPIE Proceedings</i> , Vol. 2404, pp. 132-143, February 9-10, 1995
	*	T. J. Bunning, et al., "The Morphology and Performance of Holographic Transmission Gratings Recorded in Polymer Dispersed Liquid Crystals," <i>Polymer</i> , Vol. 36, No. 14, pp. 2699-2708, 1995
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.		

* References cited in parent (U.S. Serial No. 09/429,645), and not provided herewith.

OTHER DOCUMENTS CONT'D. (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Drzaic, P. S., "Phase Separation Methods for PDLC Films," in <i>Liquid Crystal Dispersions</i> , World Scientific, Singapore, pp. 30-59, 1995
	*	N. Kawatsuki and H. Ono, "Electro-Optical Properties of Polymer/(Liquid Crystal) Composite Film Fabricated by Two-Step Phase Separation Method," <i>Chemistry Letters</i> , No. 5, pp. 333-334, 1995
	*	R. L. Sutherland, et al., "Electrically Switchable Volume Gratings in Polymer-Dispersed Liquid Crystals," <i>Appl. Phys. Lett.</i> , Vol. 64, No. 9, pp. 1074-1076, February 28, 1994
	*	Richard L. Sutherland, et al., "Development of Photopolymer-Liquid Crystal Composite Materials for Dynamic Hologram Applications," <i>SPIE Proceedings</i> , Vol. 2152, pp. 303-313, January 26-28, 1994
	*	J. Zhang, et al., "Switchable Holograms Recorded in Liquid Crystalline Monomers," <i>SPIE</i> , Vol. 2042, pp. 238-247, January, 1994
	*	K. Tanaka, et al., "Holographically Formed Liquid-Crystal/Polymer Device for Reflective Color Display," <i>Journal of the Society for Information Display</i> , Vol. 2, No. 1, pp. 37-38, 1994
	*	L. Domash, et al., "Programmable Beamlet Generator, Dynamic Lens, and Optical Memory Using Electrically Switched Holographic Devices," <i>SPIE Proceedings</i> , Vol. 2026, pp. 642-652, November, 1993
		Jacobine, A. F., "Thiol-Ene Photopolymers (Chapter 7)," in <i>Radiation Curing in Polymer Science and Technology - Volume III, Polymerization Mechanisms</i> , Elsevier Applied Science, Cover Page, Copyright Page, Table of Contents (v-vi), pp. 219-268, Copyright 1993
	*	D. J. Loughnot, et al., "Photopolymers for Holographic Recording: IV. New Self-Processing Formulations Based on β -Hydroxy Ethyloxazolidone Acrylate," <i>Pure Appl. Opt.</i> , Vol. 2, pp. 383-392, 1993
	*	R. L. Sutherland, et al., "Bragg Gratings in an Acrylate Polymer Consisting of Periodic Polymer-Dispersed Liquid Crystal Planes," <i>Chem. Mater.</i> , Vol. 5, No. 10, pp. 1533-1538, 1993
	*	H. I. Bjelkhagen, et al., "High-Resolution Contact Denisyuk Holography," <i>Applied Optics</i> , Vol. 31, No. 8, pp. 1041-1047, March 10, 1992
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.		

* References cited in parent (U.S. Serial No. 09/429,645), and not provided herewith.

OTHER DOCUMENTS CONT'D. (Including Author, Title, Date, Pertinent Pages, Etc.)		
	*	Hideya Murai, et al., "Electro-Optic Properties for Liquid Crystal Phase Gratings," <i>SPIE Proceedings</i> , Vol. 1665, pp. 230-239, February 11-13, 1992
	*	Lawrence H. Domash, "Applications of Dynamic Holograms for Quasi-Volume Storage," <i>SPIE Proceedings, Very Large Optical Memories-Materials and System Architectures</i> , Vol. 1773, 5 pp., 1992
		Luck, Russell M., et al., Shrinkage in Conventional Monomers During Polymerization (Chapter 1)," in <i>Expanding Monomers: Synthesis, Characterization, and Applications</i> , CRC Press, Inc., Cover Page, Copyright Page, Table of Contents (1 p.), pp. 1-61, 1992
	*	J. Zhang, et al., "Switchable Liquid Crystalline Photopolymer Media for Holography," <i>J. Am. Chem. Soc.</i> , Vol. 114(4), pp. 1506-1507 (1992)
	*	Richard T. Ingwall and Timothy Adams, "Hologram: Liquid Crystal Composites," <i>SPIE Proceedings</i> , Vol. 1555, pp. 279-290, July 24-25, 1991
	*	R. L. Sutherland, "Optical Limiters, Switches, and Filters Based on Polymer Dispersed Liquid Crystals," <i>SPIE Proceedings</i> , Vol. 1080, pp. 83-90, January 17-18, 1989
	*	A. M. Lackner, et al., "Droplet Size Control in Polymer Dispersed Liquid Crystal Films," <i>SPIE Proceedings</i> , Vol. 1080, pp. 53-61, January 17-18, 1989
		Yamagishi, Frederick G., et al., "Morphological Control in Polymer-Dispersed Liquid Crystal Film Matrices," <i>SPIE</i> , Vol. 1080, pp. 24-31, 1989
		Wu, Bao-Gang, et al., "Response Times and Voltages for PDLC Light Shutters," <i>Liquid Crystals</i> , Vol. 5, No. 5, pp. 1453-1465, 1989
		Smith, G. W., et al., "The Interfacial Free Energy of Nematogen Droplets in an Isotropic Matrix: Determination of its Temperature Dependence from Coalescence Kinetics," <i>Mol. Cryst. Liq. Cryst.</i> , Vol. 174, pp. 49-64, 1989
	*	G. von Bally, et al., "Gradient-Index Optical Systems in Holographic Endoscopy," <i>Applied Optics</i> , Vol. 23, No. 11, pp. 1725-1729, June 1, 1984
	*	Allan R. Tokuda, et al., "Holocamera for 3-D Micrography of the Alert Human Eye," <i>Applied Optics</i> , Vol. 19, No. 13, pp. 2219-2225, July 1, 1980
	*	Stephen A. Benton, et al., "One-Step White-Light Transmission Holography," <i>SPIE</i> , Vol. 215, pp. 156-161, 1980
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.		

OTHER DOCUMENTS CONT'D. (Including Author, Title, Date, Pertinent Pages, Etc.)		
	*	Stephen A. Benton, et al., "One-Step White-Light Transmission Holography," <i>SPIE</i> , Vol. 212, pp. 2-7, 1979
	*	Hori, Asai, and Fukai, "Field-Controllable Liquid-Crystal Phase Grating," <i>IEEE</i> , Vol. ED-16, p. 1734 (4 pp.), 1979
	*	Edited by H. Bennett, "Concise Chemical and Technical Dictionary, FAIC" Chemical Publishing Co., Inc., 1974
	*	R. A. Kashnow and J. E. Bigelow, "Diffraction From a Liquid Crystal Phase Grating," <i>Applied Optics</i> , Vol. 12, No. 10, pp. 2302-2304, October, 1973
		Kogelnik, Herwig, "Coupled Wave Theory for Thick Hologram Gratings," <i>The Bell System Technical Journal</i> , Vol. 48, No. 9, pp. 2909-2947, November, 1969
	*	Stoke, Funkhouser, Leonard, Indebetow, and Zech, "Hand-Held Holography," 1 p., September 19, 1966
	*	G. W. Stroke and A. E. Labeyrie, "White-Light Reconstruction of Holographic Images Using the Lippmann-Bragg Diffraction Effect," <i>Physics Letters</i> , Vol. 20, No. 4, pp. 368-370, March 1, 1966
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.		

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